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CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An apparatus within a remote station of a wireless communication system, comprising:

a memory element; and

a processing element configured to execute a set of instructions stored in the memory element, the set of instructions for:

determining whether a stored set of transmission parameters is current; and

if the stored set of transmission parameters is not current, then transmitting a re-transmission request for a current set of transmission parameters on a reverse-link channel quality feedback (CQI) channel to a base station, wherein the re-transmission request is carried by the fifth bit of a CQI symbol.

Claims 2-6. (Cancelled)

7. (Currently Amended) The apparatus of Claim [[6]] 1, wherein the re-transmission request is carried by the fifth bit of more than one CQI symbol.

8. (Original) The apparatus of Claim 1, wherein determining whether the stored set of transmission parameters is current comprises:

performing a hand-off from a previous base station to the base station; and

if the hand-off is successfully completed, then determining that the stored set of transmission parameters is not current.

9. (Original) The apparatus of Claim 1, wherein determining whether the stored set of transmission parameters is current comprises:

attempting to decode the data packet using the stored set of transmission parameters; and

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if the data packet cannot be decoded using the stored set of transmission parameters, then determining that the stored set of transmission parameters is not current.

10. (Currently Amended) In a wireless communication system, an infrastructure element, comprising:

a memory element; and

a processing element configured to execute a set of instructions stored in the memory element, the set of instructions for:

transmitting a control message to a remote station, the control message contains a set of transmission parameters by which a data packet is to be transmitted;

monitoring a ~~reverse-link-channel~~ Channel Quality Feedback (CQI) Channel for a re-transmission request, wherein the re-transmission request is carried by the fifth bit of a CQI symbol;

if a re-transmission request arrives on the ~~reverse-link-channel~~ Channel Quality Feedback (CQI) Channel, then re-transmitting the control message; and

if a re-transmission request does not arrive on the ~~reverse-link-channel~~ Channel Quality Feedback (CQI) Channel, then transmitting the data packet.

Claims 11-15. (Cancelled)

16. (Original) The apparatus of Claim 15, wherein the re-transmission request is carried by the fifth bit of more than one CQI symbol.

17. (Currently Amended) A method in a wireless communication system, comprising: determining at a remote station whether a set of transmission parameters stored at the remote station is current; and

if the stored set of transmission parameters is not current, then transmitting a re-transmission request on a ~~reverse-link-channel~~ Channel Quality Feedback (CQI) Channel to a base station, wherein the re-transmission request is carried by the fifth bit of a CQI symbol.

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18. (Currently Amended) A method for controlling a re-broadcast of a control message, comprising:

transmitting the control message to a remote station, wherein the control message contains a set of transmission parameters by which a data packet is to be transmitted;

monitoring a reverse link channel Channel Quality Feedback (CQI) Channel for a re-transmission request, wherein the re-transmission request is carried by the fifth bit of a CQI symbol;

if a re-transmission request arrives on the reverse link channel Channel Quality Feedback (CQI) Channel, then re-transmitting the control message; and

if a re-transmission request does not arrive on the reverse link channel Channel Quality Feedback (CQI) Channel, then transmitting the data packet.

Claims 19 - 20. (Cancelled)

21. (Previously Presented) The apparatus of claim 1, wherein, if the stored set of transmission parameters is current, then decoding a data packet at the remote station using the stored set of transmission parameters.

22. (Previously Presented) The method of claim 17, wherein if the stored set of transmission parameters is current, then decoding a data packet at the remote station using the stored set of transmission parameters.

23. (New) An apparatus in a wireless communication system, comprising:

means for determining at a remote station whether a set of transmission parameters stored at the remote station is current; and

means for transmitting a re-transmission request on a Channel Quality Feedback (CQI) Channel to a base station if the stored set of transmission parameters is not current, wherein the re-transmission request is carried by the fifth bit of a CQI symbol.

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24. (New) The apparatus of Claim 23, wherein the re-transmission request is carried by the fifth bit of more than one CQI symbol.

25. (New) The apparatus of Claim 23, wherein the means for determining whether the stored set of transmission parameters is current comprises:

means for performing a hand-off from a previous base station to the base station; and
means for determining that the stored set of transmission parameters is not current, if the hand-off is successfully completed.

26. (New) The apparatus of Claim 23, wherein means for determining whether the stored set of transmission parameters is current comprises:

means for attempting to decode the data packet using the stored set of transmission parameters; and

means for determining that the stored set of transmission parameters is not current, if the data packet cannot be decoded using the stored set of transmission parameters.

27. (New) The apparatus of claim 23, further comprising:

means for decoding a data packet at the remote station using the stored set of transmission parameters, if the stored set of transmission parameters is current.

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